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Sentrum N=0104 Oslo (NO) Sentrum, N-0104 Oslo (NO). (54) Title: CATALYSTS CONSISTING OF METALS ON HYDROTALCITE-BASED CARRIER MATERIALS, AND METHOD FOR THE PREPARATION THEREOF (57) Abstract

The present invention relates to a catalyst comprising at least one metal loaded on a hydrotalcite-based carrier material which has the following formula in its uncalcined form: $M^{2+}aM^{3+}b(A^{n-})(OH)_{2a+3b-n}*xH_2O$, wherein M^{2+} is at least one divalent metal; and M^{3+} is at Least one trivalent metal; A is an n-valent anion, n is 1 or 2 and a and b are positive numbers, a>b. When said at least one metal is selected from the group VIII of the periodical system of the elements a useful (de)hydrogenation catalyst is achieved.